

Docket No. F-6842

Ser. No. 09/767,459

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

Claim 1. - 25. - (Cancelled)

Claim 26. (Currently Amended) A rotor magnet comprising a cylindrical shaped molded body of a mixture of magnetic powder of SmFeN and a resin binder, said molded body having at least one North pole and at least one South pole at alternating positions along a circumference of the molded body, ~~wherein~~ said magnetic powder is in the form of particles of a size not greater than 10 μ m and uniformly and densely packed, said rotor has a phosphate coating covering an outside surface of the molded body, wherein said phosphate coating is an iron-hydrogen phosphate coating sintered at lower temperature than a decomposition temperature of SmFeN alloys, and is combined with an unstable Fe of the Fe component included in the molded body.

Claim 27. - (Cancelled)

Claim 28. (Currently Amended) A motor comprising:

a stator; and

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a rotor magnet, said rotor magnet having a cylindrical shaped molded body of a mixture of magnetic powder of SmFeN and a resin binder, said molded body having at least one North pole and at least one South pole at alternating positions along a circumference of the molded body;

~~wherein~~ said magnetic powder is in the form of particles of a size not greater than 10 μm and uniformly and densely packed,

said rotor has a phosphate coating covering an outside surface of the molded body.

wherein said phosphate coating is an iron-hydrogen phosphate coating sintered at lower temperature than a decomposition temperature of SmFeN alloys, and is combined with an unstable Fe of the Fe component included in the molded body.

Claims 29. - 31. - (Cancelled)